

Design Tokyo S18

Create a harmonic rhythm with Design Tokyo™ S18 for ventilated steel facade systems.

Applications: facade and ceiling surfaces.

Ruukki® Emotion

Available also with perforation and backlighting.

Ruukki® Acoustic Claddings

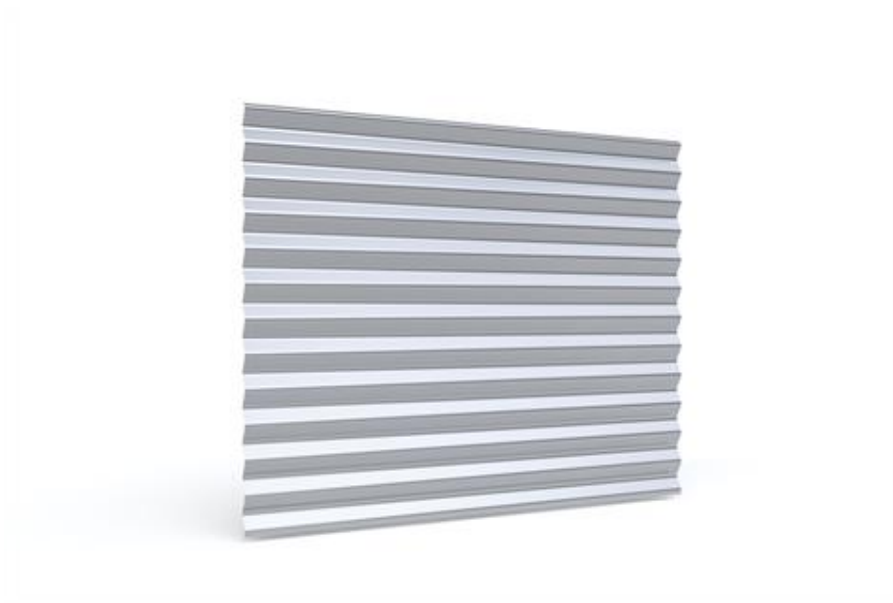
Available also with perforation for sound absorption.

This product is optionally available with following sustainable features:

- Steel profile made of recycled steel (SSAB Zero) for significantly lower CO₂ emissions and high circularity (Ruukki LowCarbon)

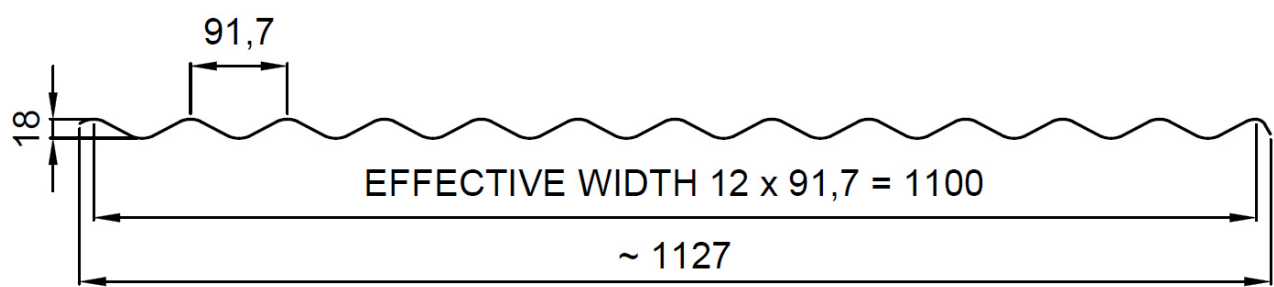
SEND CONTACT REQUEST

BIM - OBJECTS

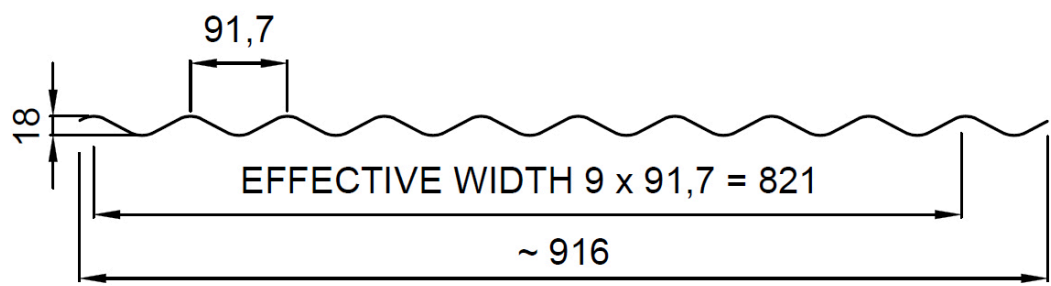


Properties

Cross-section drawing for Design Tokyo S18 made out of colour coated steel, stainless steel, aluminium or Cor-Ten



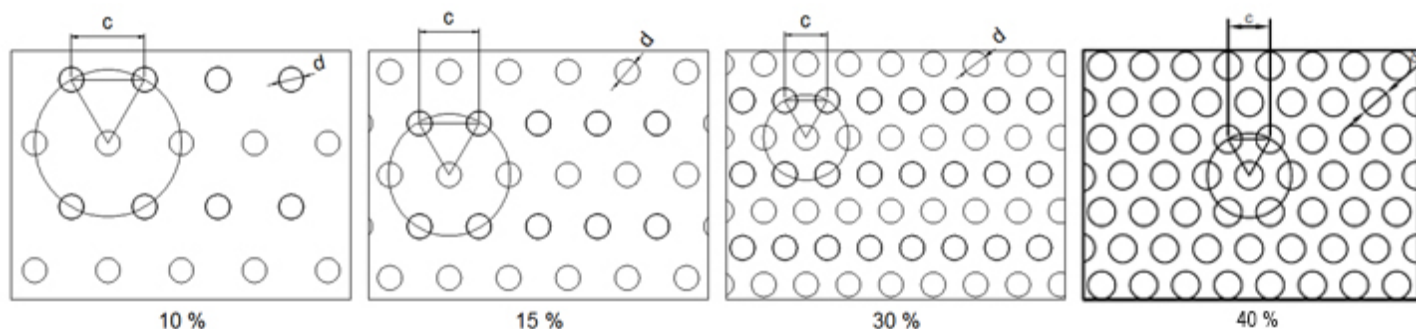
Cross-section drawing for Design Tokyo S18 made out of copper & brass



| | |
|-----------------|------------------|
| Model name | Design Tokyo S18 |
| Effective width | 1100 mm * |
| Total width | ~1127 mm * |
| Depth | 18 mm |
| Pitch | 92 mm |
| Minimum length | 600 mm |
| Maximum length | 9000 mm |

* Copper & Brass: Effective width 821 mm, total width ~1127 mm

Perforation layout



10 % perforation, hole size $d = 4$ mm, centres $c = 12$ mm

15 % perforation, hole size $d = 4$ mm, centres $c = 10$ mm

30 % perforation, hole size $d = 4$ mm, centres $c = 7$ mm*

40 % perforation, hole size $d = 5$ mm, centres $c = 7.5$ mm

*) Standard solution in Ruukki® Acoustic Claddings

Materials

| Material | Material thickness (mm) | Weight (kg/m ²) | Surface treatment | GWP A1-A3 (kg CO ₂ equiv./m ²) | Available with perforation | Minimum order amount (m ²) | Reaction to fire |
|------------------------|-------------------------|-----------------------------|--------------------------------------|---|----------------------------|---|------------------|
| Zero Steel (LowCarbon) | 0.6 | 5.9 | GreenCoat Pural BT (Satin, Metallic) | 6.6 | x | 2000 (limited availability) | A1 |
| Steel | 0.6 | 5.9 | GreenCoat Pural BT (Satin, Metallic) | 16.6 | x | Standard colours - No limitations (except perforated 100) Extended colours - 2000* | A1 |
| | 0.6 | 5.9 | Powder coating | 16.6 | x | 100 | A2 - s1,d0 |
| Aluminium | 0.7 | 2.4 | Powder coating | 21.5 | x | 250 | - |
| | 0.7 | 2.4 | PVDF coating | 4.6 | x | 750 | - |
| Cor-Ten | 0.7 | 7.0 | Coating | 17.7 | x | No | A1 |

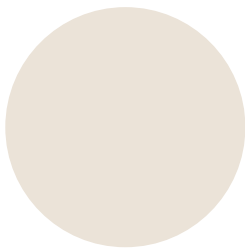
| | | | on reverse side | | | limitations (except perforated 100) | |
|--------------------------------------|-----|-----|----------------------------------|------|---|-------------------------------------|----|
| Rheinzink | 0.7 | 6.3 | Pre-patinated (no coating) | 27.0 | - | 100 | A1 |
| Copper - Nordic Standard | 0.6 | 6.7 | Pre-patinated (no coating) | 4.34 | - | 100 | A1 |
| Copper - Nordic Green, Blue or Brown | 0.6 | 6.7 | Pre-patinated (no coating) | 4.75 | - | 100 | A1 |
| Brass - Nordic Brass | 0.6 | 6.5 | Pre-patinated (no coating) | 10.6 | - | 100 | A1 |
| Stainless steel | 0.5 | 4.9 | Smooth 2B (steel grade 304, 316) | 17.7 | - | 250 | A1 |

*) Minimum order amount - 100 m² for Colours RR22, RR24, RR29, RR32, RR33, RR34, RR35, RR45

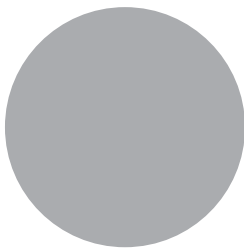
Coatings and colors

GreenCoat Pural BT (Standard colours)

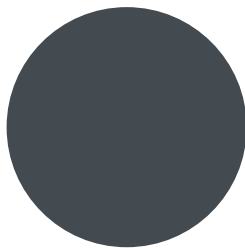
Gloss level: 20 GU (Satin) / 40 GU (Metallic)



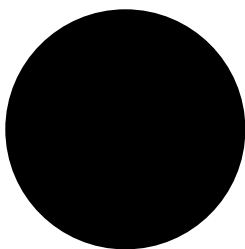
RR20 Winter white



RR21 Pebble grey



RR23 Mountain grey



RR33 Nordic night black



RR40 Metallic silver



RR41 Metallic dark silver



RR42 Metallic gold



RR45 Metallic titanium



RR979 Metallic copper

Extended colours

- GreenCoat Pural BT (steel)
- PVDF (aluminium)
- Powder paint (steel)
- Powder paint (aluminium)

BIM objects



Download BIM objects to your desktop

ProdLib brings Ruukki products as BIM models directly to your desktop in 3D form for design programs AutoCAD, Autodesk Revit, Archicad and Tekla Structures. Product libraries compile all necessary design models and detailed drawings in one place. Library updates are automatically notified, so as a user you can be sure that your product information is constantly up to date. ProdLib can also be used as a standalone desktop application.

[Go to BIM library](#)

Download documents

Declaration of performance

Design profile S18:



Declaration of Performance 28/PP/VIM - Low profiles
PDF, 41.3 KB

Other design profiles:



Declaration of Performance 25/PP/PAR - Cladding products
PDF, 43.7 KB

Cor-Ten design profiles:



Ruukki Cor-Ten facades - Certification
PDF, 31.8 KB

Order form



Ruukki Design Profile order form 2.2.2
XLSM, 0.6 MB

Maintenance instructions



Selection recommendation for color-coated products

PDF, 1.6 MB



Ruukki Cor-Ten facades - maintenance instructions

PDF, 70.3 KB



Ruukki powder coated facade claddings - Maintenance instructions

PDF, 0.6 MB



Ruukki colour coated steel - Maintenance instructions

PDF, 0.6 MB

Accessory documents



Facade cladding accessories 11_2025

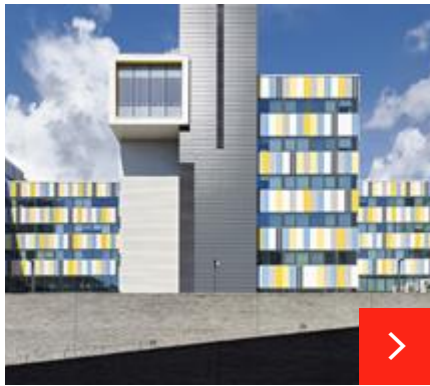
PDF, 2.8 MB

References



Autoverkkokauppa

Ruukki delivered Design Tokyo profiles for the renovated facade of a car showroom.



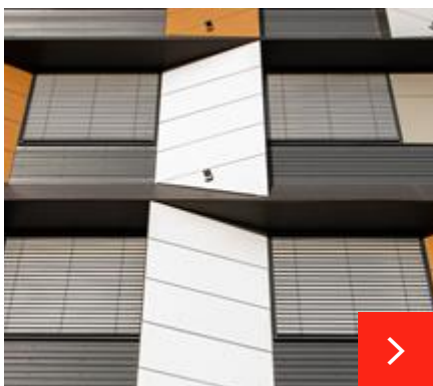
Eventes Business Garden Espoo

Eventes Business Garden located near the Iso Omena Shopping Centre in Espoo is an impressive office building that combines various steel facades in an interesti...



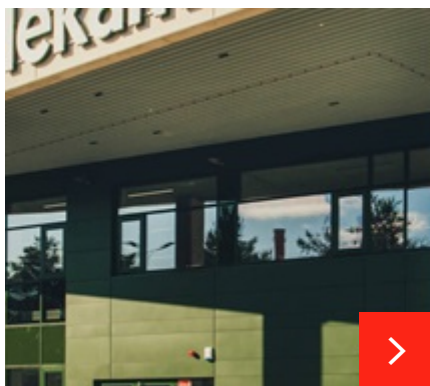
Wood-Mizer Industries

Ruukki participated in this project from the designing stage up to the construction stage – cooperation with a General Contractor and installation company. Ruuk...



Office building in SWH Office Center

Ruukki delivered façade cladding materials for Skanstes City in Latvia



Hekamerk Office and Warehouse Building, Estonia

The striking exterior façade of the Hekamerk office and warehouse building is adorned with Ruukki Liberta 500 façade cassettes, featuring the design profile Des...

[See all design profile references](#)

Visualization tool



Visualize your idea

Get inspired on how our façade cladding products come live in a building façade. Find your own combination of surface structures, patterns, colors and materials.

[Go to visualization tool](#)